

AL.2.1985-528

# LIGHT HORSE

## RECORD BOOK (ALL UNITS)



463~84



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AUG 31 1984

4-H MOTTO

Learn to do by doing.

4-H PLEDGE

I pledge  
My HEAD to clearer thinking,  
My HEART to greater loyalty,  
My HANDS to larger service,  
My HEALTH to better living,  
For my club, my community and my country

4-H GRACE

(Tune of Auld Lang Syne)

We thank thee, Lord, for blessings great  
On this, our own fair land.  
Teach us to serve thee joyfully,  
With head, heart, health and hand.





## HOW TO USE THE RECORD BOOK

This record book should be used along with any of the 4-H Light Horse Units. Its loose-leaf format will allow you to add extra pages as required, and will allow you to do an overall project summary, should you have more than one project animal. Sections marked with an asterisk may require additional pages.

### A Guide to Record Keeping

#### Purpose of the 4-H Horse Project

#### Project Records Information

#### Welcome to 4-H

#### \*My 4-H Project (Sketches and Photos)

#### \*Description of Your Horse

#### \*Health and Sanitation Program

#### Yearly Inventory

#### Regular Club Activities

#### Special Club Activities

#### \*Monthly Records

#### \*Cash Cost Record

#### \*Cash Receipts and Financial Summary

#### \*Notes on Horse Production, Feeding, Care, and Training Program

#### What I Have Learned

#### Metric Information

\*\*Note: Members carrying more than one project animal may wish to do a combined financial summary. (i.e.) overall costs for all project animals. Please discuss this option with your leader.

### A Guide to Record Keeping

Keeping records is an important part of 4-H Club work. Good records will tell you and others about your work and progress, and will allow you to evaluate and improve. A few general hints:

1. Fill out each page or form as early as possible.
2. Do calculations or rough work on scratch paper. When you are sure it is right, transfer to your record book.
3. Be as neat as possible and use the same colored pen or pencil throughout.
4. If there is some part of the record book which is not clear, check with your leader before recording anything in the book.

### Some More Specific Points About Each Section

1. Yearly Inventory - Fill in all blanks even if your equipment or your horse were gifts. Try to give a fair approximate value to everything at the beginning of the year, and at the completion of the year. (Do not forget equipment and tack may depreciate).

2. Monthly Records: Try to be as accurate as possible in recording amounts fed to your horse. If you estimate -- be reasonable. Veterinary and farrier costs should also be recorded on a monthly basis. If your monthly records are accurate and complete, it will be easy to total amounts for cost records at the end of the year.
3. Whenever feed is weighed, you should record the kind and weight for transfer to your monthly records. If you do not have a scale the following may be helpful in converting:

<u>Feed</u>	<u>Approximate Weight of One Gallon (4.5 L)</u>	<u>Weight of one Bushel (36.4L)</u>
Barley	6 lbs. (2.7 kg.)	48 lbs. (21.8 kg)
Oats	4 lbs. (1.8 kg)	34 lbs. (15.4 kg)
Wheat	8 lbs. (3.6 kg)	60 lbs. (27.3 kg)

If ground or rolled grain is used assume the weight per gallon to be 25% less than listed.

\*How about Metric? While it is recommended that metric measure be used, it is a club decision whether to use metric or Imperial measure for purposes of their records. Clubs should agree to use one system for all members.

4. Keep records of other expenses as well as receipts related to your project.
5. At year's end, transfer information to financial summary pages to determine your net gain or loss.
6. Notes on Horse Production, Feeding Care, and training refers specifically to your project animal, and should be presented in a logical, step by step order. Provide comments on your project's progress throughout the year.
7. Additional pages may be added to your records as required for any section in your record book.
8. Other sections of the book are fairly straight-forward, however, please check with your leader or 4-H Specialist if you require more information.

### Project Records Information

Name: \_\_\_\_\_

Address: \_\_\_\_\_

Club: \_\_\_\_\_

Age: \_\_\_\_\_ Number of Years in 4-H: \_\_\_\_\_

Unit (Elementary, Junior, Intermediate, Senior): \_\_\_\_\_

Project(s): \_\_\_\_\_

Horse's Name(s): \_\_\_\_\_

Breed(s): \_\_\_\_\_ Sex: \_\_\_\_\_

Approximate Date Foaled: \_\_\_\_\_

Name of Sire (if known): \_\_\_\_\_

Name of Dam (if known): \_\_\_\_\_

Welcome to 4-H!

1. Why I joined 4-H:

\_\_\_\_\_

\_\_\_\_\_

2. Objectives (what I hope to accomplish) of my 4-H Light Horse Project:

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

\_\_\_\_\_

3. 4-H Leader's Comments:

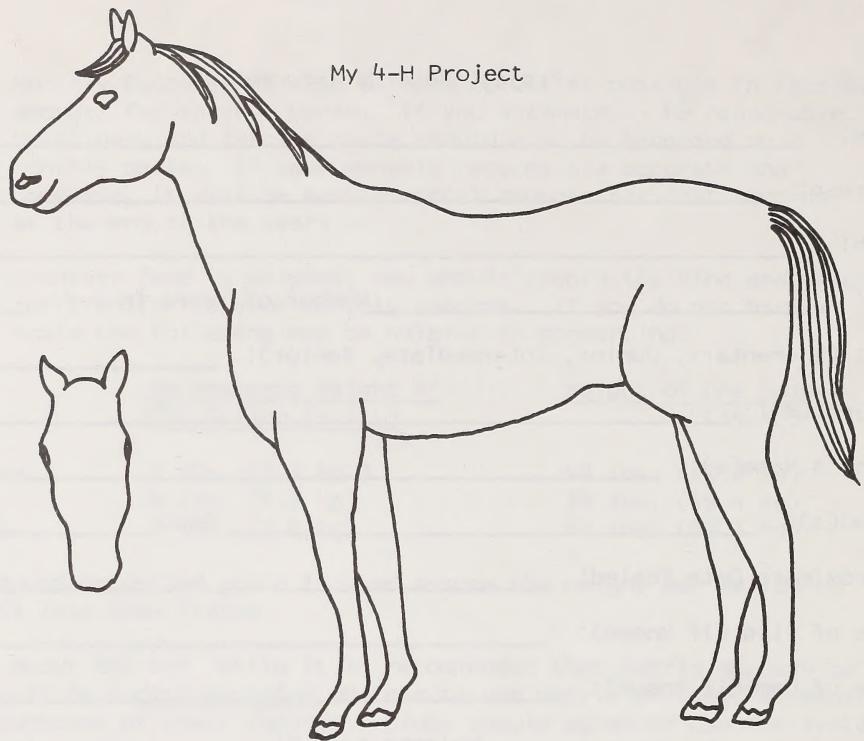
\_\_\_\_\_

\_\_\_\_\_

Our Club has discussed our program and I am aware of this member's expectations:

\_\_\_\_\_  
Signature of Leader

My 4-H Project



Sketch in and color (if possible) all identification markings.

Photos of Your Project

### Description of Your Horse

1. Give the name of your horse: \_\_\_\_\_
2. Describe the type, quality, breed characteristics, and special markings of your horse. (Also describe any blemishes or unsoundness that your horse may have):

## Health and Sanitation Program

1. Briefly describe the health and sanitation program you follow in order to keep your horse disease and parasite free:

2. List any problems (eg. diseases, parasites, nutritional, etc.) that you have encountered during the club year and what you did to correct the problem:

### Problem

### Solution

**Yearly Inventory**

		<b>Initial (Beginning of Club Year)</b>	<b>Final (End of Club Year)</b>
A.	Value of Project Animal(s)	_____	_____
		_____	_____
		_____	_____
		Sub Total (A) _____	Sub Total (A) _____
B.	Value of Tack		
	Saddle (s)	_____	_____
		_____	_____
		_____	_____
		_____	_____
	Bridle (s)	_____	_____
		_____	_____
		_____	_____
		_____	_____
	Halter (s)	_____	_____
		_____	_____
		_____	_____
		_____	_____
	Other tack & training equip- ment	_____	_____
		_____	_____
		_____	_____
		_____	_____
		Sub Total (B) _____	Sub Total (B) _____
C.	Value of Equipment		
	Grooming Tools and Kit	_____	_____
		_____	_____
		_____	_____
		_____	_____
	Other equipment (farrier tools, etc.)	_____	_____
		_____	_____
		_____	_____
		_____	_____
		Sub Total (C) _____	Sub Total (C) _____
Total Initial Inventory (A + B + C):		_____	Total Final Inventory (A + B + C):

### Regular Club Activities

(Including project meetings, demonstrations, clinics, tours, speakers,etc)

Notes, pictures, and clippings on special club activities (Rallies, tours, camping trips, achievement day, shows, public speaking, Provincial Events -- include additional pages if required).



## Monthly Record

Month of: \_\_\_\_\_ Number of Days: \_\_\_\_\_

## A. Feed Record

Kind	Amount		Price	Monthly Cost
	Per day	Per Month		
Grain				
Supplement				
Roughage				
Pasture				
A. Total Feed Costs				_____

## B. Veterinary and Farrier Record (Include vaccinations and worming)

Date	Treatment or Service (Specify)	Cost/treatment or Service

B. Total Vet. &amp; Farrier Costs

Total Monthly Costs  
(A + B)  
\_\_\_\_\_

## Time Spent on Project

Stable Work & Grooming	Pleasure Riding	Training	Other	Total Time

## Member's Comments or Questions

## Comments of Leader or Representative

SCORE

Signature of Leader or Representative

Date Inspected

## Monthly Record

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Total Monthly Costs  
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SCORE\_\_\_\_\_  
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(A + B) \_\_\_\_\_

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Total Monthly Costs  
(A + B) 

## Time Spent on Project

Stable Work & Grooming	Pleasure Riding	Training	Other	Total Time

## Member's Comments or Questions

## Comments of Leader or Representative

### Cash Cost Record

#### A. Feed Costs

	Amount	Cost
Grain	_____	_____
Supplement	_____	_____
Roughage	_____	_____
Pasture	_____	_____
Other	_____	_____
		Total Feed Cost _____

#### B. Veterinary and Farrier costs

#### D. Other Costs

Trucking	_____
Entry fees	_____
Boarding Costs	_____
Labour	_____
Interest on investment of project animal for record period	_____
	Total Other Costs

The cost of having money invested in project as opposed to investing the same amount, for the same period at prevailing bank interest rates.

Cash Receipts (include all sales, prize monies, etc.)

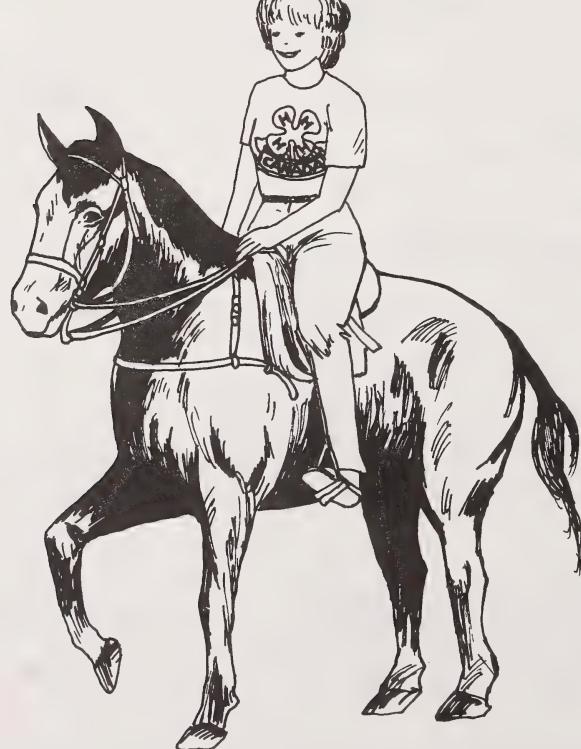
Date	Particulars	Amount
		Total Cash Receipts: <input type="text"/>

Financial Summary

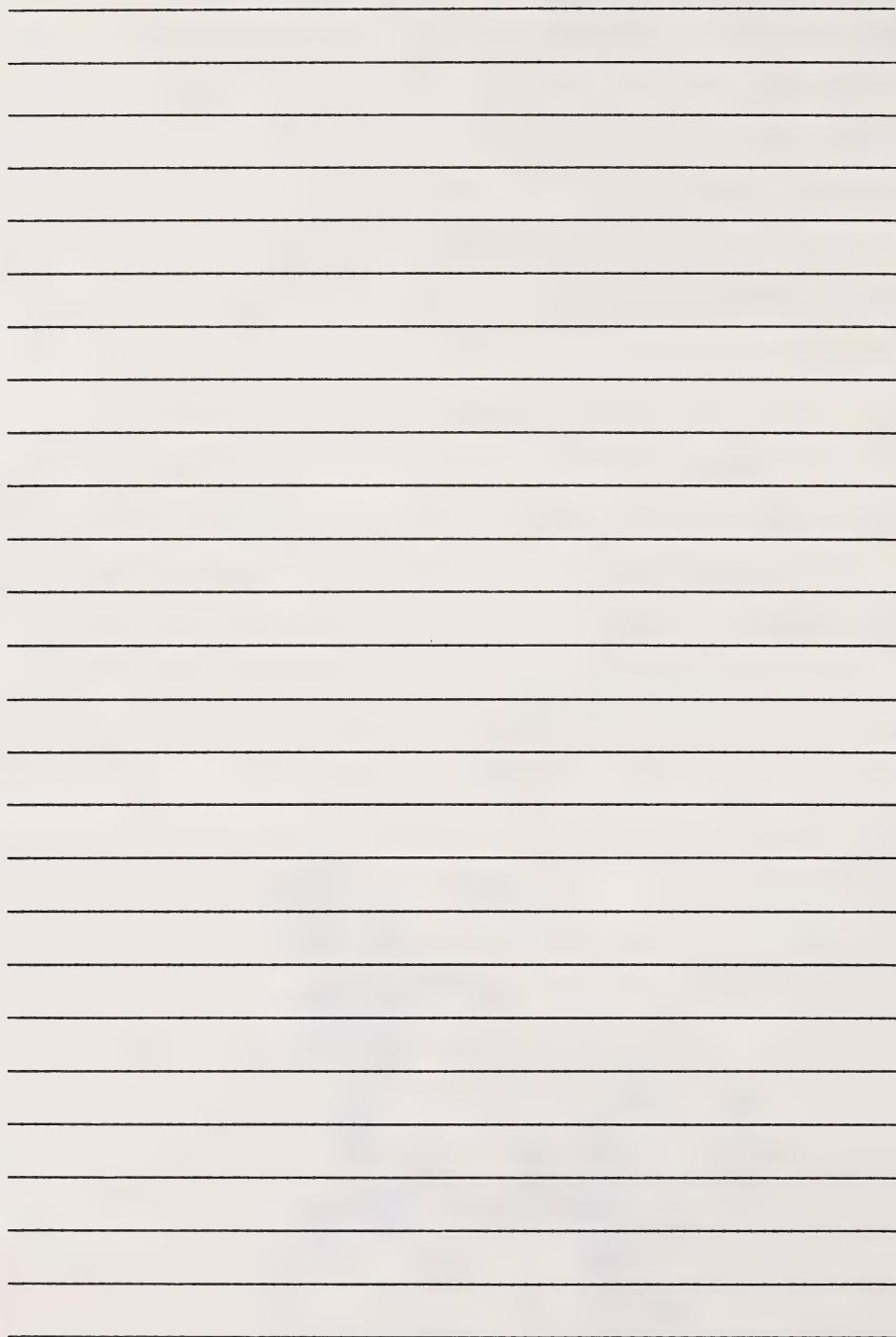
Expenses

1. Initial Inventory	_____	1. Final Inventory	_____
2. Cash Expenses	_____	2. Cash Receipts	_____
Total Expenses (1+2)	_____	Total Income (1+2)	_____

Net Gain or Loss (total income - total expense)



## Notes on Horse Production, Feeding, Care and Training Program For Your Horse During The Club Year.



What I Have Learned In My 4-H Project(s) this Year: (Were your objectives accomplished? Refer to page one of Record Book)

THE USE OF AGRICULTURAL AND  
VETERINARY CHEMICALS

Over the last few years, more and more farm chemicals have been labelled in metric units (mL, cc). The use of "cc" will be discontinued and  $\text{cm}^3$  will replace it. Items such as vaccines and oral medicines will be applied directly at rates given as:

millilitres (mL)	
milligrams (mg)	per kilogram (kg) bodyweight
or grams (g)	

Concentrated products such as horticultural, crop and pasture sprays will require dilution as:

mL/L or mL/100 L  
or L/100 L

g/L or g/100 L  
or kg/100 L

Application will be as mL/ha, L/ha, mL/m<sup>2</sup> and so forth.

Standard prepack products (to avoid weighing from bulk supplies) will eventually be labelled as one pack for a certain number of litres (L) instead of something like one pack for 100 gallons.

Animal remedies will basically rely on dosage rates based on live bodyweight in:

millilitres per kilogram (mL/kg)

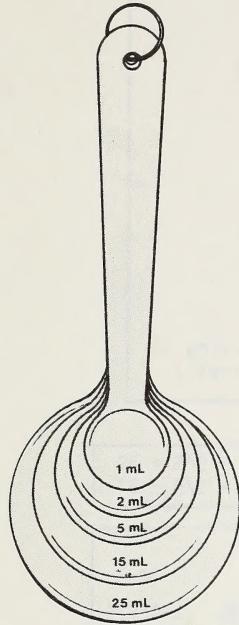
Only experience will enable you to estimate live bodyweight in metric units. You will have to compare your estimates with actual measurements, i.e. at stockyards. Some animal remedies, however, will be simply on a per animal basis and will not require knowledge of live bodyweight.

The most important consideration for you is to think metric and read all labels and instructions carefully.

METRIC CONVERSION TABLE

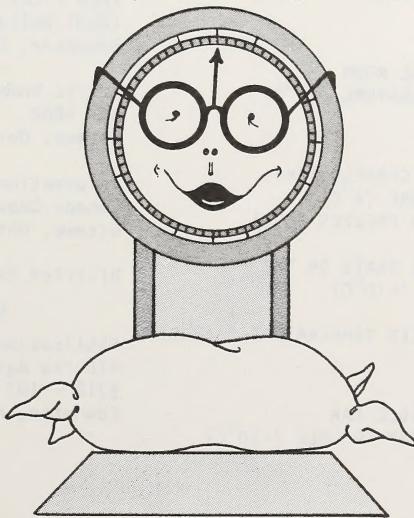
Approximate Conversion to  
Metric Measures

SYMBOL	WHEN YOU KNOW	MULTIPLY BY	TO FIND	SYMBOL	BASE UNIT
<u>MASS (weight)</u>					
oz.	ounces	28.349	grams	g	
lb.	pounds	0.454	kilograms	kg	
ton	short tons (2000 lbs)	0.907	tonnes	t	gram
g	grams	0.035	ounces	oz.	
t	tonnes (1000 kg)	1.102	short tons	ton	
<u>VOLUME</u>					
tsp.	teaspoons	5	millilitres	mL	
tbsp.	tablespoons	15	millilitres	mL	
fl.oz.	fluid ounces	28.413	millilitres	mL	
pt.	pints	0.568	litres	L	
qt.	quarts	1.137	litres	L	
gal.	gallons	4.546	litres	L	litres
bu.	bushels	36.370	litres	L	
mL	millilitres	0.035	fluid ounces	fl.oz.	
L	litres	1.760	pints	pt.	
L	litres	0.880	quarts	qt.	
L	litres	0.220	gallons	gal.	
L	litres	0.027	bushels	bu.	
<u>LENGTH</u>					
in.	inches	2.540	centimetres	cm	
ft.	feet	0.305	metres	m	
yd.	yards	0.914	metres	m	
mi.	miles	1.609	kilometres	km	metre
mm	millimetres	0.0394	inches	in.	
cm	centimetres	0.394	inches	in.	
m	metres	3.281	feet	ft.	
m	metres	1.094	yards	yd.	
km	kilometres	0.621	miles	mi.	
<u>ENERGY</u>					
kcal	kilocalorie	4.186	kilojoules	kJ	
kJ	kilojoules	0.239	kilocalories	kcal	joule



METRIC MEASURES ARE  
AVAILABLE IN THESE SIZES

250 mL replaces 1 cup  
500 mL replaces 2 cups



MUNSTER METRE  
MEASURES LENGTH

SAM KILOGRAM  
MEASURES WEIGHT



LILY LITRE  
MEASURES VOLUME

METRIC MULTIPLES AND PREFIXES TABLE

<u>Multiplying Factor</u>	<u>Prefix</u>	<u>Symbol</u>
$1,000,000 = 10^6$	mega (meg a)	M
$1,000 = 10^3$	kilo (kil o)	k
$100 = 10^2$	hecto (hek to)	h
$10 = 10^1$	deka (dek a)	da
(Base Unit) $1 = 10^0$		
$0.1 = 10^{-1}$	deci (des i)	d
$0.01 = 10^{-2}$	centi (sen ti)	c
$0.001 = 10^{-3}$	milli (mil i)	m
$0.000,001 = 10^{-6}$	micro (mi kro)	$\mu$

(These prefixes may be applied to all metric base units.

Example: Base Unit = litre

Add kilo to litre (symbol kL) = kilolitre. The multiplying factor is 1000. This means a kilolitre equals 1000 litres.)



100 → WATER BOILS (100°C)

90

80

70

60

50

40

30

20

10

0

-10

-20

-30

-40

→ HEAT WAVE (40°C)

→ NORMAL BODY TEMPERATURE (37°C)

→ NORMAL ROOM TEMPERATURE (21°C)

→ REFRIGERATOR TEMPERATURE (4°C)  
WATER FREEZES (0°C)

→ LET'S SKATE ON THE POND (-10°C)

→ FREEZER TEMPERATURE (-18°C)

→ POSSIBLE CAR BATTERY TROUBLE (-30°C)

TEMPERATURE: $^{\circ}\text{F} = \frac{9}{5} \text{C} + 32$	
$^{\circ}\text{C} = \frac{5}{9}(\text{F} - 32)$	

OVEN TEMPERATURES:

	$^{\circ}\text{C}$	$^{\circ}\text{F}$
Very slow	120-135	250-275
Slow	150-165	300-325
Moderate	175-190	350-375
Hot	200-220	400-425
Very Hot	230-245	450-475
Near boil	245-290	475-500

ADDITIONAL METRIC INFORMATION

from:

Metric Branch  
Alberta Government Services  
12th Floor, Park Square  
10001 Bellamy Hill  
Edmonton, Alberta T5J 3C1

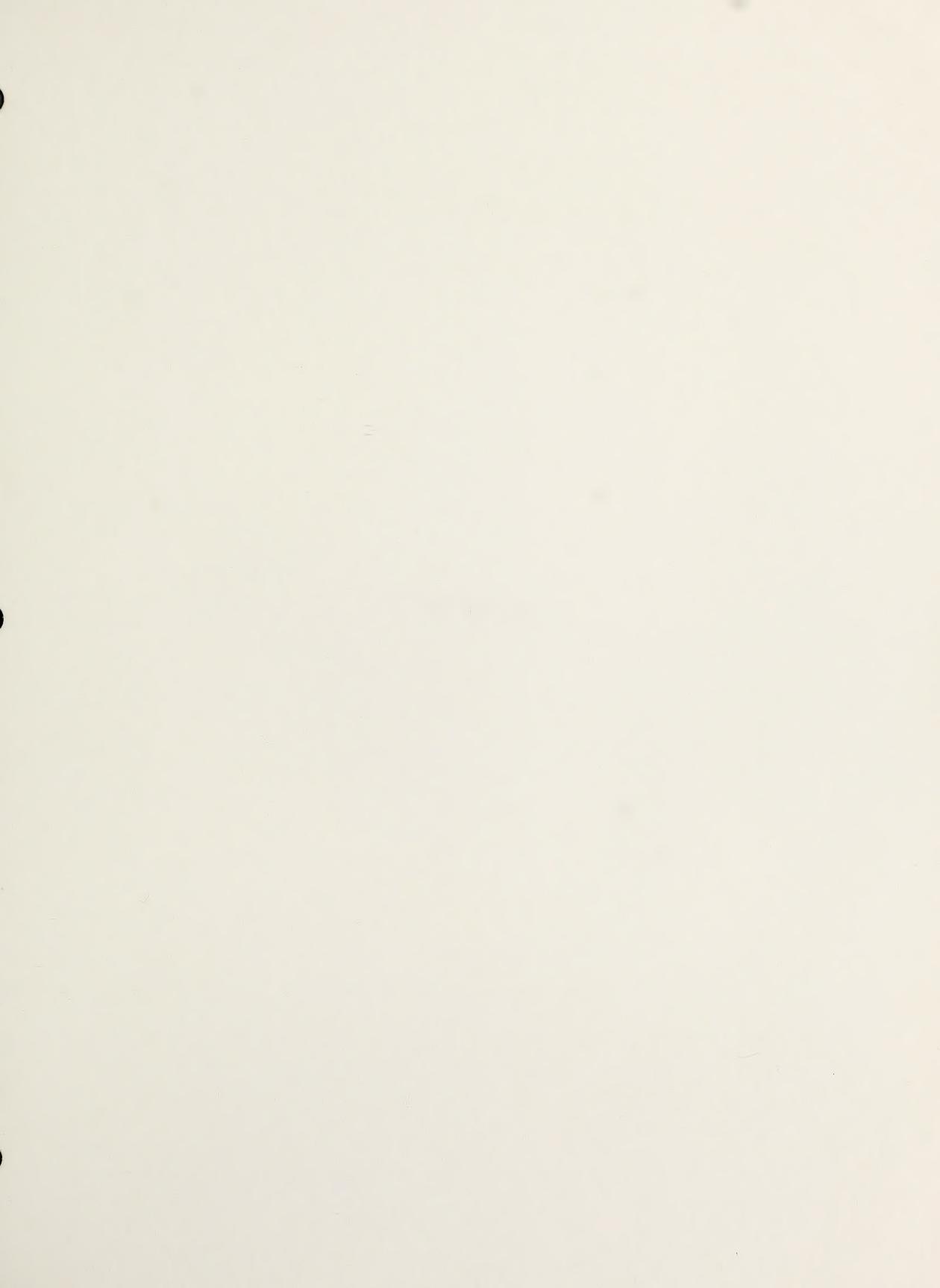
Metric Commission Canada  
Box 4000  
Ottawa, Ontario

Information Division  
Canada Department of Agriculture  
Ottawa, Ontario K1A 0C7

District Extension Office  
OR

Publications Office  
Alberta Agriculture  
9718 - 107 Street  
Edmonton, Alberta T5K 2C8

TOM THERMOMETER MEASURES  
TEMPERATURE IN DEGREES CELSIUS (°C)



N.L.C. - B.N.C.



3 3286 05552012 2

**Alberta**  
AGRICULTURE  
4-H BRANCH